



How to make your data

Waterproof

Please read these instructions before using
the Waterproof data storage application

Make your data Waterproof – Start here:





1. The Waterproof CD should automatically open Windows Explorer. Important: Copy the files to a folder on your computer and then remove the Waterproof CD. If Windows Explorer does not open, please open it manually and copy the files to your computer system.
2. Create a desktop icon by right-clicking on the waterproof.exe file and select “Send to”, “Desktop (create shortcut)”. Please ensure that the application is installed on one PC only. If access to the application is required from more than one PC, please install on a shared drive and simply grant access to the waterproof.exe file from there.
3. Run waterproof.exe.



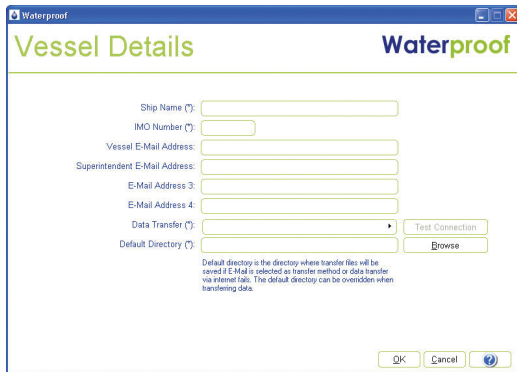
The **Tab** key can be used to move around the application as an alternative to “mouse click”.

Date Transfer (*) *Fields marked (*) must be completed*



Click on the question mark to launch the help document.

Step 1: Register your vessel details



The screenshot shows a software window titled "Waterproof" with a subtitle "Vessel Details". The window contains several input fields for registration details, a "Test Connection" button, and a "Browse" button. At the bottom, there are "OK", "Cancel", and a help icon button. A small text block explains the default directory setting.

Waterproof

Vessel Details

Ship Name (*):

IMO Number (*):

Vessel E-Mail Address:

Superintendent E-Mail Address:

E-Mail Address 3:

E-Mail Address 4:

Data Transfer (*): Test Connection

Default Directory (*): Browse

Default directory is the directory where transfer files will be saved if E-Mail is selected as transfer method or data transfer via internet fails. The default directory can be overridden when transferring data.

OK Cancel ?



If you are using Waterproof for the first time, you must input the necessary vessel details and define which systems you want to register the water test data for.

Please ensure that the IMO number and e-mail addresses are correctly entered. The IMO number should only contain numeric values numbers like 1, 2, 3, 4, 5 etc. No letters, spaces or special characters can be used.

Several e-mail addresses can be entered for multiple recipients.

You must choose your preferred method of transferring data using your onboard e-mail system or an internet connection. Furthermore, the default directory of where the data should be stored is also set in this screen. When defining the default directory, please use the “Browse” function to ensure that you are selecting a valid folder and path. If an invalid folder or path is selected, you will not be able to save the log files.

Step 2: Register your system details

Waterproof

Systems

System Name (*):

System Type (*):

Product Combination (*):

System Water Volume [m3] (*):

Legal Range for Nitrite (*):

Pressure [bar] (*):

Dosing Method:

System 1 of 1 Previous Next New Delete

Equipment

Equipment Name (*):

Equipment Type (*):

Equipment Description:

Manufacturer Name:

Type Designation (Model):

Output [kW]:

Evaporation Rate [m3/h]:

Please note that there is no direct relationship between system and equipment. E.g. a cooler system can support multiple engines. Reference to help menu for further details.

Equipment 1 of 1 Previous Next New Delete

OK Cancel ?



A *System* should be registered for all systems that shall be tested. The values for *Condensate* will appear automatically when boilers are registered.

You must define *System Type* and *Product Combination* to apply suitable parameters for recording test data.

System water volume is the total volume of water in the system.

You are required to enter the *legal range* for *nitrites* in cooling systems, and *pressure* for boiler systems.

Step 3: Register your equipment details

Waterproof

Systems

System Name (*):

System Type (*):

Product Combination (*):

System Water Volume [m3] (*):

Legal Range for Nitrite (*):

Pressure [bar] (*):

Dosing Method:

System 1 of 1 Previous Next New Delete

Equipment

Equipment Name (*):

Equipment Type (*):

Equipment Description:

Manufacturer Name:

Type Designation (Model):

Output [kW]:

Evaporation Rate [m3/h]:

Equipment 1 of 1 Previous Next New Delete

OK Cancel ?

Please note that there is no direct relationship between system and equipment. E.g. a cooler system can support multiple engines. Reference to help menu for further details.



The *Equipment* section is used to provide additional details about components included in a system.

For example, if an engine is part of a central cooling system, you define the LT/HT systems in *Systems*, and the relevant engine make, model, etc. in *Equipment*.

It is not essential to enter additional equipment details, but they will improve the quality of the report and the answers given back to you.

Step 4: Enter water test results

Waterproof

Test Date: 02.02.2008 dd.mm.yyyy System Name: ME Low Temperature Go

Test Parameters

Chloride [PPM Cl-]: 20 < 50
pH: 9,5 8,3-10
Nitrite [PPM NO₂-]: 1440 1000-2400

Nitrite [PPM NO₂-]

Day	Nitrite [PPM NO ₂ -]
2	1500
4	1500
6	1500
8	1800
10	1500
12	1500
14	1400
16	1400
18	1400
20	1400
22	1400
24	1800
26	1800
28	1800
30	1500

Appearance: Clear
Make Up Quality: Distilled

Consumption Parameters

Racor NB Liquid [l]: 1
Make Up Volume [m3]: 0,1 0,01-99

Comments:

Save Close ?



Enter a date for when the water test was performed (the PC system date is the default), then select *System* and click on *Go*.

Enter the water test results for the relevant system and click on *Save*. Then, select the next system and click on *Go* to enter the next test results.

When all test results are registered and saved, click on *Close*.

The graph will show results for the last 31 days counting from system date.



Sending your results to Wilhelmsen Ships Service via internet*:





Select *Send Log* from the main menu.

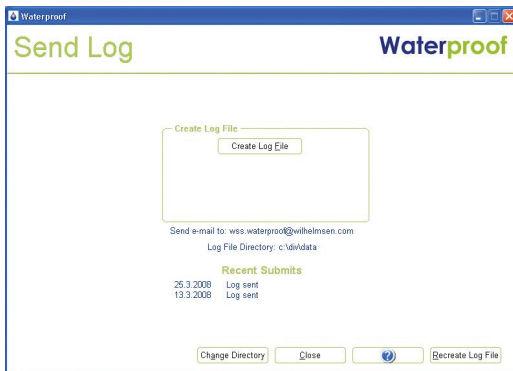
Click on the *Send Log* button, and data will be sent to Wilhelmsen Ships Service via the internet. Keep in mind that to use this option you need to be on-line.

A message will appear on screen to confirm if the data was sent successfully. If the operation was unsuccessful you must send it later, or save the data and send as an attachment to an e-mail (see next page).

A report will be generated by Wilhelmsen Ships Service every four weeks and distributed to the e-mail addresses entered in the *Vessel Details* page.

* This option can be selected on the **Vessel Details** page.

Send Log file to Wilhelmsen Ships Service via e-mail*:





Select *Send Log* from main menu followed by *Create Log File* to produce a data.txt file (in the format exp_yyyy_mm_dd.txt). The file will be saved to the default folder you specified in the *Vessel Details* page. You can then send an e-mail to **wss.waterproof@wilhelmsen.com** with the log file attached.

Note:

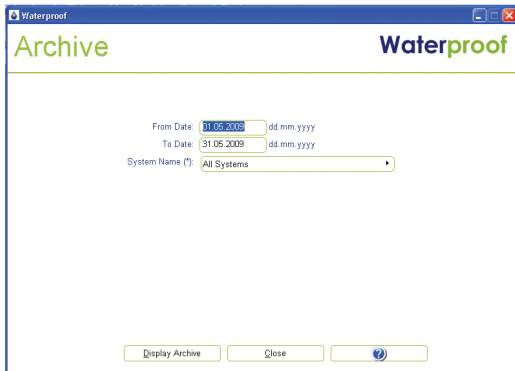
Do not attach other file types to the e-mail as they will be discarded. Only attach the .txt log file. Please do not use the above e-mail address for any other communication, as the attached files are being read and processed by the Waterproof back-end program automatically. Simply use the *Comments* section in the *Test Results* page when additional information is required.

Wilhelmsen Ships Service will send reports every four weeks to the e-mail addresses you listed in the *Vessel Details* page.

* This option can be selected on the **Vessel Details** page.



Create an internal printable report:



The image shows a software window titled "Waterproof" with a standard Windows-style title bar (minimize, maximize, close buttons). The window has a white background with a blue border. The word "Archive" is displayed in large green font on the left, and the "Waterproof" logo is on the right. Below the header, there are three input fields: "From Date:" with a date picker showing "31.05.2009", "To Date:" with a date picker showing "31.05.2009", and "System Name (*):" with a dropdown menu showing "All Systems". At the bottom, there are three buttons: "Display Archive", "Close", and a help button (question mark icon).

Waterproof

Archive

Waterproof

From Date: 31.05.2009 dd.mm.yyyy

To Date: 31.05.2009 dd.mm.yyyy

System Name (*): All Systems

Display Archive Close ?



Select the period for which you want to produce a report. Select the systems to be included in the report. Default value will be 'All Systems'. Click on 'Display Archive' to view the report.

Files generated by the *Archive* function will be of type .rtf and can not be read by the Waterproof program. These can be used to inform and update relevant parties, e.g. owner or ship manager, as they are produced in a more readable format than those sent in data files.

WordPad or MS Word is required to read the .rtf file format.

Please **DO NOT** attach these files to the e-mail you are sending to Wilhelmsen Ships Service.



FAQ

Q:

Please note that the export result clearly shows the test date from March 1st to March 31st. However, the response from Waterproof covers the test period from February 17th to March 16th. Please clarify why the two periods are different.

A:

The report period is not set to be one calendar month but 28 days counting from the date of the first reported result. This has been chosen to reduce the response time as much as possible, as we will be able to distribute the result reports throughout the month rather than having all vessel reports due by month end.

Q:

I cannot find the *Create Log* button when I click on *Send Log*.

A:

In *Vessel Details* you have chosen “internet” rather than “e-mail” as data transfer method. This means that the log was sent directly when you clicked on *Send Log* if you had a direct internet connection.

Q:

When I click “Create Log”, I receive the message “Error creating transfer file. If the file exists, delete the old file or give the new file a new name”.

A:

In *Vessel Details* you must ensure that the *Default Directory* is a valid path. Please use the Browse function to ensure the directory exists.

Q:

I would like to create a log file covering a wider period than the not yet reported period.

A:

Go to *Send Log* and select *Recreate Log File*. Here you are able to define a wider period than the system generated from/to dates used by *Create Log File*.



Please remember

DO NOT attach any other files than the txt files. Attachments of type rtf, pdf, xls, doc etc will be discarded during the read in process, and no test results for your vessel will be recorded.

DO NOT use the **wss.waterproof@wilhelmsen.com** for any other purpose than sending log files. Any message in the e-mail body will not be read or responded to.

DO NOT scan the manual *rapid response form* and attach it to the e-mail. It will fail.

DO NOT install the Waterproof application on more than one PC on your vessel. Multiple locations will be regarded as multiple vessels by the back-end system.

If you are uncertain of how to report the test results, please take time to study and understand the user manual.



Testing your systems is only half of the job. Make sure to store your data properly to make it Waterproof!

System requirements:

- Operating system Windows 95 or higher
- 5 MB available disc space for program installation and data storage
- E-mail client or internet access for sending log files to Wilhelmsen Ships Service
- Any html reader (e.g. Internet Explorer) to read the help file
- Adobe Acrobat reader to open review reports coming from Wilhelmsen Ships Service
- WordPad or MS Word to review historic data on screen (rtf files)

Latest version of Waterproof will always be available for download from here:

<http://www.wilhelmsen.com/services/maritime/companies/buss/Campaign/Pages/Waterproof.aspx>

For further assistance please review the attached help file.